

NAME: \_\_\_\_\_

GEOM CH. 4.8 HOMEWORK

COMPUTER GENERATED NOV. 30, 2009

SHOW YOUR WORK, EXPLAIN

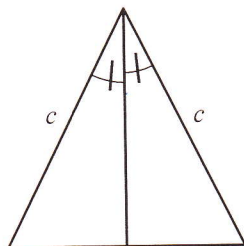
YOUR SCORE:

TOTAL: 10 points

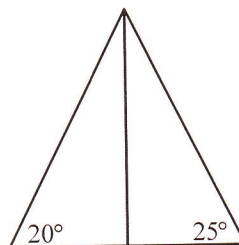
(1p)

1. Which shows a median of a triangle?

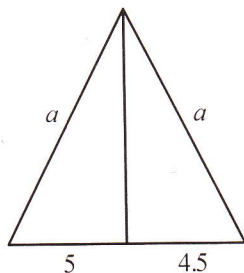
[A]



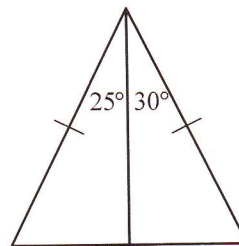
[B]



[C]

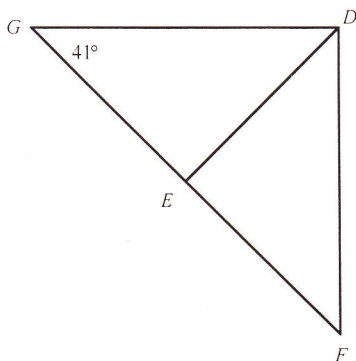


[D]



(2p)

2.  $\overline{DE}$  is a median and altitude of  $\triangle GDF$ . What is the measure of angle  $DFE$ ?



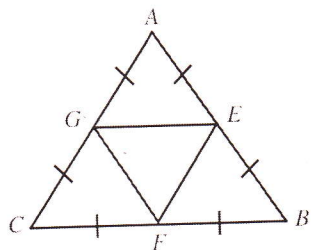
[A] 41 degrees

[B] 90 degrees

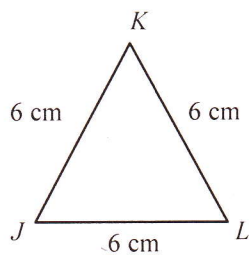
[C] 39 degrees

[D] 180 degrees

- (3p) 3. What can you conclude about  $\triangle EGF$ ?



- (1p) 4. Find  $m\angle L$ .



- (3p) 5. Find  $MN$  if the perimeter of  $\triangle MNP$  is 45 meters.

